



King County

**INFORMATION SYSTEMS PROFESSIONAL IV
DEPARTMENT OF NATURAL RESOURCES
WATER & LAND RESOURCES DIVISION
Annual Salary Range \$66,352 - \$84,105 (2006 Rates)
Job Announcement: 05MK5487
OPEN: 12/14/05 CLOSE: 1/17/05**

WHO MAY APPLY: This position is open to all qualified applicants.

WHERE TO APPLY: Required forms and materials *must* be sent to: **Michelle Kobuki, HR, 201 South Jackson Street, Suite 600, M.S. KSC-NR-0600, Seattle, WA 98104**. Application materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) Contact (206) 296-1935 for application requests or download from the Internet at: <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>.

PLEASE NOTE: Applications not received at the location specified above may not be processed.

FORMS AND MATERIALS REQUIRED: King County Application, completed supplemental questionnaire, resume and letter of interest detailing your background are required.

NOTE: Applicants who meet the required qualifications will be screened based on the clarity, completeness and content of their application materials. After initial screening, the most competitive candidates will be invited to an oral examination and interview.

WORK LOCATION: Ship Canal Area - 130 Nickerson St, Suite 100, Seattle; and travel to meetings scheduled throughout the county.

WORK SCHEDULE: This position is exempt from the provisions of the Fair Labor Standards Act, and is not overtime eligible. The workweek is 40 hours, Monday through Friday. Attendance at meetings outside of normal hours is sometimes required. Flexible working hours/days can be arranged.

PRIMARY JOB FUNCTIONS INCLUDE: This position serves the regional Hazardous Waste Management Program (LHWMP). This position will provide informational leadership, guidance and assistance to other developers and assorted staff within the LHWMP, which involves multiple work units and programs scattered across two King County departments, the Seattle Public Utilities Department, and 41 suburban cities.

This position is responsible for all aspects of database design, development, and administration for multiple relational database systems, in support of the Hazardous Waste Program's information needs. Current data needs include databases supporting business site visits, the EnviroStars program, vouchers, and dynamic content on the Web site.

The primary job functions of this position include:

- Collaborate with business and technical users to gather, analyze, and communicate database system requirements.
- Design, implement, and maintain transactional databases and design the organizational data architecture.
- Implement and administer databases and relational database management systems.
- Extend RDBMS functionality and author software using data definition and manipulation languages and procedural languages, including T-SQL, C++, and VB.NET.
- Support software development projects, administer test and development systems, directly provide and assist application developers in the design and development of database-related functionality.
- Troubleshoot and resolve service issues or system failures.
- Develop and support server/client and Web applications and coordinate the integration of databases applications across multiple agencies;
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- Use project management techniques to prepare status reports and monitor goals and budget.
- Provide consulting and technical support for application programmers, systems analysts, management, clients, and users.
- May serve as a Subject Matter Expert for a particular technology or as a technical expert on assigned systems.
- Analyze database, database applications and other systems to determine the sources of problems; serve as liaison with vendors in resolving problems.
- May be called upon to provide support for service issues or failures at any time.
- Additional duties as assigned.

QUALIFICATIONS:

- A Bachelor's degree in the sciences, computer sciences, planning, public or business administration or a related field or the equivalent combination of education and experience.
- A minimum of five years experience in information technology.
- A minimum of three years experience as a Microsoft SQL Server database administrator
- A minimum of 1 year work experience managing multiple database server installations.
- Demonstrated experience in database design and data or process modeling.
- Extensive knowledge of Transact-SQL and demonstrated experience developing complex stored procedures.
- Strong teamwork skills and customer service orientation.
- Strong oral and written communications skills, including developing technical documentation and communicating technical information to a non-technical audience.
- Working knowledge of information system life cycle development techniques; including analysis, design, development, implementation, maintenance, documentation, and training procedures and practices.
- Proficiency in a web-enabled environment including IIS, Visual InterDev, HTML, ASP, ASP.NET, C#.NET, VB, VBScript, VB.NET, JavaScript, JSP and other web development languages; knowledge of SQL server and transact-SQL.

- Demonstrated skill in working with non-technical end users and customers to analyze their business needs, prepare a detailed requirements document, and a detailed work plan for environmental data applications.
- Ability to communicate effectively with both technical and nontechnical end-users and customers.
- MCDBA or equivalent
- MCSD or equivalent
- SQL Server 2005 training or experience.
- Visual Studio 2005 training or experience.
- XML Schema design experience.

DESIRED QUALIFICATIONS:

- Knowledge of environmental data and environmental database systems.

NECESSARY SPECIAL REQUIREMENT(S):

- A valid Washington State driver's license or the ability to travel throughout the County in a timely manner.

UNION MEMBERSHIP: Positions in this classification are represented by Washington State Council of County City Employees, Council 2, Local 1652R

Class Code: 7302400

Supplemental Questionnaire
Information Systems Professional IV

Print or type your name _____

The following items address important elements of this position and the information you provide will help to determine your eligibility for further consideration. Please limit your responses to no more than one typed sheet per question, and attach all sheets to your application. Unless otherwise specified, use a narrative format when answering the questions.

1. Do you have experience with following:

SQL tools	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
IIS	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
Visual InterDev	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
HTML	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
ASP	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
ASP.NET	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
C#.NET	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
VB	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
VBScript	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
VB.NET	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
JavaScript	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
JSP	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
SQL server	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
transact-SQL	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____

2. Do you have any of the following Certifications

Network Engineer and/or Microsoft Certified Professional (MCP, MCSE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
MCSD (Microsoft Certified Solution Developer) certification.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
WinNT and Win2K	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No. of Years _____
Other			No. of Years _____

3. Describe your background in database administration, including details of any specialized knowledge and practical experience you have with architecture and design of large, distributed database systems. Please include any experience you have with Access.
4. Describe one representative example of your experience interfacing databases and the Web.
What languages or tools were used in addition to HTML?
5. Describe your experience in leading groups through difficult changes where you were the lead of the informational change but not the manager of the staff involved.